

PART 2 - REQUIREMENTS AND COMPLIANCE

Forms Included

Section 1	Form RE-00	Requirements Review
	Form RE-01	NESHAP - National Emission Standards for Hazardous Air Pollutants for Source Categories (40 CFR 63) & Prevention of Accidental Release
	Form RE-02	NESHAP - National Emission Standards for Hazardous Air Pollutants (40 CFR 61)
	Form RE-03	PSD - Prevention of Significant Deterioration
	Form RE-04	NSPS - New Source Performance Standards
	Form RE-05	Acid Rain, CAIR, and CAMR
	Form RE-06	Stratospheric Ozone Protection
	Form RE-07	State Rules
	Form RE-08	CAM - Compliance Assurance Monitoring
Section 2	Form AR-00	Applicable Requirements
	Form AR-01	Applicable Requirements & Compliance Plan by Emission Unit
	Form AR-02	Applicable Requirements & Compliance Plan by Applicable Requirement
Section 3	Form CP-00	Compliance Plan, Schedule & Certification
	Form CP-01	Compliance Plan, Schedule & Certification by Emission Unit
	Form CP-02	Compliance Plan, Schedule & Certification by Applicable Requirement
Section 4	Form PR-00	Proposals (Limits & Alternatives)
	Form PR-01	Proposed Limits
	Form PR-02	Alternative Operating Scenario
	Form PR-03	Early Reduction

Facility/Company Name: _____ **EQ No.:** _____

PART 2 - REQUIREMENTS AND COMPLIANCE

Form 1.0 (Part 1) FACILITY IDENTIFICATION and a signed Part 3 APPLICATION CERTIFICATION must be submitted with all Part 2 REQUIREMENTS AND COMPLIANCE submissions.

SECTION 1 - AIR POLLUTION CONTROL REQUIREMENTS Form RE-00 REQUIREMENTS REVIEW

This section of forms, **Section 1 - AIR POLLUTION CONTROL REQUIREMENTS**, will help you to determine what federal and state requirements your facility must comply with.

PLEASE NOTE THAT YOU MUST INCLUDE, IN SECTION 2, ANY AND ALL APPLICABLE REQUIREMENTS THAT MAY NOT BE SPECIFICALLY ADDRESSED IN SECTION 1.

This form (RE-00 REQUIREMENTS REVIEW) asks questions to find out if your facility is subject to specific federal and state regulations. To assist you in filling out form **RE-00 REQUIREMENTS** there are eight forms, **RE-01 REQUIREMENTS: NESHAP** through form **RE-08 REQUIREMENTS: CAM**. Form **RE-00 REQUIREMENTS REVIEW** will direct you to each of the forms as necessary, which will help you determine if your facility is subject to these regulations. When you are directed to a form, complete it as required, but remember to return to and complete form **RE-00 REQUIREMENTS REVIEW**.

Complete all form **RE-00 REQUIREMENTS REVIEW** below and all associated RE forms.

- 1) **National Emission Standards for Hazardous Air Pollutants**
(NESHAP: 567 IAC 23.1(3) *Emission standards for hazardous air pollutants* and 23.1(4) *Emission standards for hazardous air pollutants for source categories*; 40 CFR 61, 40 CFR 63, 40 CFR 68; and 1990 Clean Air Act, as amended, Section 112)
 - 1a) To determine if any requirements for Hazardous Air pollutants of Section 112 of the 1990 Clean Air Act Amendments apply to your facility, you must complete attached form **RE-01 REQUIREMENTS: NESHAP (40 CFR 63 & 40 CFR 68)**.
 - 1b) To determine if any of the National Emission Standards for Hazardous Air Pollutants (NESHAP) in the Code of Federal Regulations 40 CFR Part 61 apply to your facility, you must complete the attached form **RE-02 REQUIREMENTS: NESHAP (40 CFR 61)**.
 - 1c) After reviewing the above statements and forms **RE-01** and **RE-02** check the box below that applies:

☐ YES, my facility is subject to NESHAP requirements referenced in Form RE-01 or Form RE-02.
☐ NO, my facility is NOT subject to NESHAP requirements referenced in either Form RE-01 or Form RE-02.

2) **Prevention of Significant Deterioration (PSD)**

(567 IAC 22.4 and Chapter 33; 40 CFR 52.21; 40 CFR 52 Subpart Q)

- 2a) Did you construct, make any physical change (as defined in 40 CFR 52.21) in your facility or make a change in the method of operation (as defined in 40 CFR 52.21) of your facility since August 7, 1980?

☐ YES, go to form **RE-03 REQUIREMENTS: NEW SOURCE REVIEW**.

☐ NO, go to question 2b and answer NO.

- 2b) After completing the above question (and form RE-03 if necessary) check one of the following boxes:

☐ YES, my facility IS subject to NSR requirements.

☐ NO, my facility IS NOT subject to NSR requirements until I make a qualifying change.

3) **National Ambient Air Quality Standards; Increment and Visibility Requirements**

(1990 Clean Air Act, as amended, sections 109 and 160-169(B))

- 3a) Did you answer NO to question 2b above or are you taking "synthetic minor" permit limitations which allow you to avoid having to submit a complete NSR application?

☐ YES, my facility IS NOT subject to this requirement. Continue to question 4.

☐ NO, my facility IS subject to this requirement.

- 3b) Have you completed and submitted an analysis of ambient air, increment and visibility in your NSR application as prescribed by section 109 and sections 160-169(B) of the 1990 Clean Air Act Amendments?

☐ YES, the analysis has been submitted.

☐ NO, the analysis has not been submitted but a plan for submitting the analysis is contained in this application.

4) **Standards of Performance for New Stationary Sources**

(NSPS: 567 IAC 23.1(2) and 23.1(5) *New Source Performance Standards and Emission Guidelines*; 40 CFR 60 in part)

- 4a) Is your facility a Sulfuric Acid Plant, Municipal Solid Waste Landfill, or operating a Hospital/Medical/Infectious Waste Incinerator, Commercial and Industrial Solid Waste Incineration Unit, or Municipal Waste Combustor?

☐

NO.

☐

YES, complete Form **RE-04 REQUIREMENTS: NSPS**. Skip to question 4c.

- 4b) Have you constructed, modified (as defined in 40 CFR 60.14), or reconstructed (as defined in 40 CFR 60.15) your emission facility, or any portion thereof, SINCE August 17, 1971?

☐

NO.

☐

YES, you may be subject to this regulation; complete form **RE-04 REQUIREMENTS: NSPS**.

- 4c) If you answered NO to questions 4a and 4b your facility is not subject to NSPS and Emission Guidelines requirements. Complete question 4d.

- 4d) After completing the above questions (and Form RE-04 if necessary) check one of the following boxes:

☐

YES, my facility (or a portion of it) IS subject to NSPS requirements.

☐

NO, my facility IS NOT subject to NSPS requirements.

5) **Acid Rain Program under Title IV**

(567 IAC 22.120 - 22.148 *Acid Rain*; 40 CFR 72; 40 CFR 73; 40 CFR 74; and 1990 Clean Air Act, as amended, Sections 401-416)

5a) Does your facility own or operate one of the following Phase I or Phase II units?

City of Muscatine:	Muscatine
City of Ames:	Ames
City of Cedar Falls:	Streeter Station
City of Pella:	Pella
Central Iowa Power Coop:	Fair Station
Corn Belt Power Coop:	Earl F. Wisdom

IES Utilities, Inc.:	Burlington, Ottumwa, Prairie Creek, Sixth Street, Sutherland
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Interstate Power Company:	Dubuque, Lansing, Lime Creek, Milton L Kapp, Emery
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MidAmerican Energy Co.:	Louisa, Riverside, Des Moines, George Neal North, George Neal South, Walter Scott Jr.
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Western Minn. Municipal Power Agency:	Exira
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- ☐ NO, go to question 5b.
- ☐ YES, you are subject to this regulation and must complete the **Acid Rain** part of the attached form **RE-05 REQUIREMENTS: ACID RAIN, CAIR, and CAMR**.

5b) Does your facility combust fossil fuel and generate electricity for wholesale or retail sale, such as a cogeneration facility, a qualifying facility (as defined in the Federal Power Act), independent power producer, or solid waste incinerator?

- ☐ NO, your facility IS NOT subject to Acid Rain Requirements, go to question 5c.
- ☐ YES, your facility MAY be subject to Acid Rain Requirements. Please refer to the applicability definitions in 40 CFR 72.6 to determine if they apply.

5c) After completing questions 5a and 5b, are you subject to Acid Rain Requirements?

- ☐ NO, my facility IS NOT subject to Acid Rain Requirements.
- ☐ YES, my facility IS subject to Acid Rain Requirements.

6) **Clean Air Interstate Rule (CAIR)**

(567 IAC 34.200 – 34.229 CAIR; 567 IAC 21.1(4) CAIR Emissions Inventory; 567 IAC 22.120 - 22.123 Acid Rain; 1990 Clean Air Act, as amended, Section 110; 40 CFR Part 96, 40 CFR 51.125)

6a) Does your facility own or operate a stationary boiler or combustion turbine that burns fossil fuel?

- ☐ NO, you are NOT subject to CAIR requirements.
Answer NO to question 6d and go to question 7.
- ☐ YES, continue to question 6b.

6b) Has the unit in question 6a served, on or after November 15, 1990, a generator that has greater than 25 MW nameplate capacity?

- ☐ NO, you are NOT subject to CAIR requirements.
Answer NO to question 6d and go to question 7.
- ☐ YES, continue to question 6c.

6c) Does the unit in question 6b produce electricity for sale?

- ☐ NO, you are NOT subject to CAIR requirements.
Answer NO to question 6d and go to question 7.
- ☐ YES, your facility MAY be subject to CAIR Requirements. Please complete the **CAIR** part of the attached form **RE-05 REQUIREMENTS: ACID RAIN, CAIR, and CAMR**.

6d) After completing form **RE-05 REQUIREMENTS: ACID RAIN, CAIR, and CAMR**, are you subject to CAIR Requirements?

- ☐ NO, my facility IS NOT subject to CAIR Requirements.
- ☐ YES, my facility IS subject to CAIR Requirements.

7) **Clean Air Mercury Rule (CAMR)**

(567 IAC 34.300 – 34.308 CAMR; 567 IAC subrule 23.1(2), paragraph 23.1(2)"z", subrules 23.1(5) and 25.1(9), and rule 25.3; 1990 Clean Air Act, as amended, Section 111; 40 CFR 60 Subparts Da and HHHH)

7a) Does your facility own or operate a stationary boiler or combustion turbine that burns coal or coal-derived fuel?

☐ NO, you are NOT subject to CAMR requirements.

Answer NO to question 7d and go to question 8.

☐ YES, continue to question 7b.

7b) Has the unit in question 7a served, on or after November 15, 1990, a generator that has greater than 25 MW nameplate capacity?

☐ NO, you are NOT subject to CAMR requirements.

Answer NO to questions 7d and go to question 8.

☐ YES, continue to question 7c.

7c) Does the unit in question 7b produce electricity for sale?

☐ NO, you are NOT subject to CAMR requirements.

Answer NO to questions 7d and skip to question 8.

☐ YES, your facility MAY be subject to CAMR Requirements. Please complete the **CAMR** part of the attached form **RE-05 REQUIREMENTS: ACID RAIN, CAIR, and CAMR**.

7d) After completing form **RE-05 REQUIREMENTS: ACID RAIN, CAIR, and CAMR**, are you subject to CAMR Requirements?

☐ NO, my facility IS NOT subject to CAMR Requirements.

☐ YES, my facility IS subject to CAMR Requirements.

8) **Stratospheric Ozone Protection**

(1990 Clean Air Act, as amended, Sections 601-618)

8a) To determine if this federal regulation applies to your facility, you must complete the attached form **RE-06 REQUIREMENTS: STRATOSPHERIC OZONE**.

8b) After completing form **RE-06 REQUIREMENTS: STRATOSPHERIC OZONE**, check one of the following boxes:

- ☐ YES, my facility IS subject to this requirement.
☐ NO, my facility IS NOT subject to this requirement.

9) **Monitoring Analysis and Record Keeping**

(1990 Clean Air Act, as amended, Sections 504(b) and 114(a)(3))

9a) As a Title V source, your facility must comply with monitoring, recordkeeping and reporting requirements, including applicable Compliance Assurance Monitoring (CAM) requirements listed in question #14.
(567 IAC 22.108(3), (4), and (5))

9b) Certify Compliance, Monitoring, Record Keeping and Reporting.
(567 IAC 22.105(2)"i")

10) **Solid Waste Combustion**

(1990 Clean Air Act, as amended, Section 129)

10a) If your facility has a solid waste combustor that is subject to a NSPS standard promulgated pursuant to section 129 of the Clear Air Act, you are subject to the Title V requirements. If your facility is a minor source for Title V purposes, only the combustor is subject to the Title V requirements.

11) **Federal Ozone Measures for the Control of Emissions from Certain Sources** (1990 Clean Air Act, as amended, Section 183(e))

- 11a) Section 183(e) of Clean Air Act directs EPA to list for regulation categories of consumer and commercial products that account for at least 80 percent of the VOC emissions in areas that violate the national ambient air quality standard (NAAQS) for ozone. Rules have been promulgated under the above section of the Clean Air Act. If your facility locates in an ozone non-attainment area and manufactures, processes, wholesale distributes or imports consumer or commercial products that emit volatile organic compounds (VOC's), it may be subject to any rules that are adopted under section 183(e) requiring emission reductions.

12) **Federal Ozone Measures for Tank Vessel Standards**
(1990 Clean Air Act, as amended, Section 183(f))

- 12a) On September 19, 1995 the EPA promulgated 40 CFR 63 Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations under the authorities of both 112(d) and 183(f) of the Clean Air Act to require reasonably available control technology (RACT) to control VOC emissions and maximum achievable control technology (MACT) to control HAP emissions. If your facility loads or unloads floating tank vessels please read 40 CFR 63 subpart Y to determine if it is subject to the requirements.

13) **Iowa State Air Quality Rules**
(567 IAC chapters 20 - 34 *Air Quality*)

- 13a) To determine which Iowa Rules the facility may be subject to; go to form **RE-07 REQUIREMENTS: STATE RULES**.
- 13b) Whether presently permitted or not, all facilities operating in Iowa **MUST** consider whether they are **SUBJECT** to the state air quality rules.

14) **Compliance Assurance Monitoring (CAM)**
(567 IAC 22.108(3)"d"; 40 CFR 64; and 1990 Clean Air Act, as amended, Section 504)

14a) To determine if this regulation applies to your facility, you must complete the attached form **RE-08 REQUIREMENTS: CAM**.

14b) After completing form **RE-08 REQUIREMENTS: CAM**, check one of the following boxes:

- ☐ YES, my facility DOES have one or more pollutant-specific emission units (PSEUs) subject to this requirement. CAM plan(s) are attached to form RE-08 as required.
- ☐ NO, my facility DOES NOT have any PSEUs subject to this requirement.

15) Forms RE-01 through RE-08, that follow, should only be completed as indicated in this Form (RE-00 REQUIREMENTS REVIEW). However, if you are uncertain as to the applicability of any of the requirements listed in this form refer to Forms RE-01 through RE-08 for additional definition of applicability and references.

CONTINUE TO SECTION 2
APPLICABLE REQUIREMENTS & COMPLIANCE PLAN